

- A) To Export the data from the System 83 Plus™ computer:
- 1) Go to the pull down menus of the opening (blue) screen. Access the Report options by simultaneously pressing <Alt> and <R>.
 - 2) Go to the Set Date and/or Set Instrument and enter the appropriate parameters based on the range of dates or instruments you wish to evaluate. By not setting any parameters, the export defaults to ALL processes.
 - 3) Export the information from the System 83 Plus™ DataBase using the Export data.... command
 - a) Insert a formatted, High Density, 3½” floppy diskette into the floppy drive of the Plus™ System computer.
 - b) Simultaneously press <Alt> and <E>. A dialogue box will show the designation and name of the export file. [Example: E040113.exp where “E” indicates an export file; “040113” indicates the date of export, and “.exp” is the default extension.]
 - c) Press the <Enter> key to accept the file name and begin export.
 - d) Remove the floppy disk and mark appropriately.
- B) Import the data to an IBM PC or compatible computer to use in a commercially available spreadsheet or data base program.
- 1) You will need either a spreadsheet or data base program
 - 2) The following information was gathered using Microsoft (MS) Excel running in a Windows environment.
 - 3) Start your computer and enter your Windows or other operating system environment.
 - a) Place the export floppy diskette into the floppy drive of your computer (not the System 83 Plus™ computer).
 - 4) Open your MS Excel spreadsheet.
 - a) In MS Excel, click “file” then click “open”.
 - b) In “Files of Type” change to ALL FILES – In “Look in” change to 3 ½” Floppy (A)
 - c) Using wizard, open appropriate file clicking delimited, then comma, then finish.
 - d) Analyze data

Addendum to “Export Data Function” (continued).

The columns in your spreadsheet will be organized as follows

- A. Process number
- B. System nomenclature
- C. Type of Process
- D. Bay number
- E. Date and time process started
 - a. Since 2000 the year is 1xx
 - b. The months range from January which is 01 to December which is 12.
 - c. The day does not require interpretation.
 - d. Examples of date 990303 = [99 -year/03 -month/03 -day] = April 3, 1999
1001103 = [100 -year/11 -month/03 -day] = December 3, 2000
1040303 = [104 -year/03 -month/03 -day] = April 3, 2004
1070022 = [107 -year/00 -month/22 -day] = January 22, 2007
- F. Process duration (total elapsed time)
- G. Full description of process
- H. Procedure number
[Will differ from “Process Number” (A) – each patient is a different procedure so there may be as many as four procedures per process] [-1 indicates no information was entered]
- I. “Name” (user entered)
- J. “Code” (user entered)
- K. “Physician” (user entered)
- L. “Instrument 1” (user entered)
- M. “Instrument 2” (user entered)

Each floppy disk can accept about 3,000 to 4,000 processes depending on the amount of information recorded for each patient.

If your export disk fills prematurely, use the “Set Date” command in the “Reports” pull down menu to divide the information into useable segments; or, contact George Raudenbush at CU for a special DOS capable file compression method.



Please note: This is not a database training manual. It is a pre-requisite that the person performing this knows how to operate his personal database, word processor, and/or spreadsheet.

Addendum to “Backup Data Function” section of System 83 Plus™ Users’ Manual

To Backup the data from the System 83 Plus™ computer:

- 1) Go to the pull down menus of the opening (blue) screen. Access the Report options by simultaneously pressing <Alt> and <R>.
- 2) Back-up the information from the System 83 Plus™ DataBase using the Backup Data.... command
 - a) Insert a formatted, High Density, 3½” floppy diskette into the floppy drive of the Plus™ System computer.
 - b) Use the arrow keys to scroll to and highlight the Backup Data line.
 - c) Press the <Enter> key to begin the backup.
 - d) Wait for the floppy drive to finish writing (indicator light goes out)
 - e) Remove the floppy disk and mark appropriately and put in a safe place.

This file is intended as an emergency backup for a computer hard drive crash and can only be read by returning the data to the CU System 83 Plus™ onboard computer using DOS copy commands. Doing this will overwrite existing files. Please call for help if needed.

To manually back up the data from the System 83 Plus™ computer:

- 1) Insert a formatted, High Density, 3½” floppy diskette into the floppy drive of the Plus™ System computer
- 2) From the blue/gray opening screen of the CU Program (with “Run CU” in the corner) simultaneously press the <Alt> key and the X key.
- 3) At that point you should have a black screen with C:\CU013003\> (or C:\CU071097\> or C:\CU090396\>) at the top
- 4) Type “cd\cudata” (with no spaces and without the quote marks) and press the <Enter> key.
 - a) You should now see C:\CUDATA\>
 - b) [If it says “invalid switch” it means you entered a forward slash / instead of a back slash \.]
- 5) Type “copy *.dat a:” (with single spaces as noted but without the quote marks) and press the <Enter> key.
 - a) At this point you should begin to see short lines of text scrolling down
- 6) When completed, remove the disk, label it, and store it in a safe place.
- 7) You will need to use a new floppy disk each time for each back-up.
- 8) This can be reversed to re-install the backed-up files in the event of a hard disk problem. Call CU at (215) 364-1477 for instructions. DO NOT re-install if you are correcting an error such as “Assertion Failure-Abnormal Program Termination”. Call CU for instructions and explanation.

NB: Do not restore data if you find a problem without first contacting CU.